

EH-11046

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**IN THE CLAIMS:****RECEIVED  
CENTRAL FAX CENTER****AUG 08 2007**

Please amend claim 1 as follows:

1. (Currently Amended) A method for repairing a foot of a cast stator vane segment, the method comprising the steps of:  
removing a portion of a foot from an inner platform of a cast stator vane segment;  
~~and~~  
securing a replacement foot section onto the cast stator vane segment using ~~an~~ a Leybold-Heraeus W-3 electron beam welder weld;  
heat treating the replacement foot section and cast stator vane segment; and  
machining the replacement foot section to a suitable shape.
2. (Original) The method of claim 1, including the additional step of securing the replacement foot section onto the cast stator vane segment by tack welding prior to securing the replacement foot using electron beam welding.
- 3-4. (Cancelled)
5. (Original) The method of claim 1, wherein the cast stator vane segment is located in a compressor section of an engine.
6. (Original) The method of claim 1, wherein the cast stator vane segment is located in a high pressure compressor section of an engine.
7. (Original) The method of claim 6, wherein the cast stator vane segment is a later stage cast stator vane segment.
- 8-16. (Cancelled)